

Release 3.1A John F. Collins, Biocomputing Research Unit
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Mpsrch_nn n.a. - n.a. database search, using Smith-Waterman algorithm

Run on: Fri Jan 14 07:03:10 2000;
Tabular output not generated.
MapPar time 73.63 Seconds
1174.419 Million cell updates/sec

Title: >US-08-978-217-15
Description: (4501-5500) from US08978217.seq (6 of 10)
Perfect Score: 1000

N.A.	Sequence:	4501	CAGCTTCAACTCTTGAT.....GGAACTCTTGCTTGACGG GTGCGAGGTGAGAAGACTA.....CTTGTAGTAACTGTTACTGCC	550
Comp:				

Nmatch STD : Phase 0: Quar
Gap 6

Searched: 165362 seqs, 43233

Database: D-issued Listing first 45 summaries

Statistics: Mean 8.548; Variance 4.291

pred. No. is the number of results p score greater than or equal to the s and is derived by analysis of the tra

SUMMARIES

No.	Score	Match	Length	DB	ID	Description	Pred.	No.
1	0.7	0.7	7318	3	ms-00-002322	comscore 14	0.770565	1

Query Match length DB ID

CC LENGTH: 7218 base pairs
 CC TYPE: nucleic acid
 CC STRANDEDNESS: single
 CC TOPOLOGY: Linear
 CC IMMEDIATE SOURCE:
 CC CLONE: PTZGP-F15
 CC SQ SEQUENCE: 7218 BP; 1944 A; 1491 C; 1486 G; 1929 T; 368 OTHER.
 CC Query Match 9.7%; Score 97; DB 2; Length 7218;
 CC Best Local Similarity 1.1%; Pred. No. 9.77e-56;
 CC Matches 4; Conservative 229; Mismatches 136; Indels 0; Gaps 0;
 CC Db 1062 GCGATTTGGGCCCCCTTGGTAGAGAACCTTTCCTCCCTAGCTTGCT 4641
 CC Qy 4582 GCGCTTGTGGCCCCCTTGGTAGAGAACCTTTCCTCCCTAGCTTGCT 4641
 CC Db 1122 YYY 1181
 CC Qy 4642 GTCCCATCTGTAACCTCCAGACTGCTACAGATAATTCTCCACTGAAATAGTC 4701
 CC Db 1182 YYY 1241
 CC Qy 4702 CATGTCATTTCTGTCGGCCCTSGAGGSGTGTCTGCTGTGCTGCTGCTG 4751
 CC Db 1242 YYY 1301
 CC Qy 4762 TCTAGCTTAACTTCCTTCAGATCAGGAAGTCCTTGGCCAGGAACCTCTGGA 4821
 CC Db 1302 YYY 1361
 CC Qy 4822 TGTATGCCGCCAGGCCAGTCCTACTACTGCAGTACCTATGGCCCTGGAGCGCCCCTCCC 4881
 CC Db 1362 YYY 1421
 CC Qy 4882 CGGGAGCTCTGATCTCCACTGCAAGTAGTAGTCCTGGCCACAGCCTGCTC 4941
 CC Db 1422 YYYYYYYY 1430
 CC Qy 4942 AAGTGCCCT 4950

RESULT ID US-08-746-789A-1 STANDARD; DNA; UNC; 1920 BP.
 AC xxxxxx
 DT Sequence 1, Application US/08746789A
 DE Sequence 14, Application US/08232463
 CC Sequence 14, Application US/08232463
 CC Patent No. 5670367
 CC GENERAL INFORMATION:
 CC APPLICANT: DORNER, F.
 CC APPLICANT: SCHEIFLINGER, F.
 CC APPLICANT: FAULKNER, F. G.
 CC TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
 CC NUMBER OF SEQUENCES: 52
 CC CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: Foley & Lardner
 CC STREET: 1800 Diagonal Road, Suite 500
 CC CITY: Alexandria
 CC STATE: VA
 CC COUNTRY: USA
 CC ZIP: 22313-0299

CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Floppy disk
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: Patentin Release #1.0, version #1.25
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/232,463
 CC FILING DATE:
 CC CLASSIFICATION: 435
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER: US/07/935,313
 CC FILING DATE:
 CC APPLICATION NUMBER: EP 91 114 300.6
 CC FILING DATE: 26-AUG-1991
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: BENT, Stephen A.
 CC REGISTRATION NUMBER: 29,768
 CC REFERENCE/DOCKET NUMBER: 30472/114 IMMU
 CC TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: (703) 836-9300
 CC TELEX: 899149

CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 CC COMPUTER: IBM 486
 CC OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
 CC SOFTWARE: MICROSOFT WORD
 CC CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/746,789A
 CC FILING DATE: NO. 5789200ember 15, 1995
 CC CLASSIFICATION: 514
 CC PRIOR APPLICATION DATA:
 CC APPLICATION NUMBER:
 CC FILING DATE:
 CC ATTORNEY/AGENT INFORMATION:
 CC NAME: Willian T. Han

CC INFORMATION FOR SEQ ID NO: 14:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 7218 base Pairs
 CC TYPE: nucleic acid
 CC STRANDEDNESS: single
 CC TOPOLOGY: linear
 CC IMMEDIATE SOURCE:
 CC CLONE: PTZPPT-F1s
 CC SEQUENCE 7218 BP; 1944 A; 1491 C; 1486 G; 1929 T; 368 OTHER.
 Query Match Best Local Similarity 6.9%; Score 61; DB 2; Length 7218;
 Matches 11; Conservative 99; Mismatches 49; Indels 0; Gaps 0;
 Db 1293 YY 1352
 Cp 5441 TCTCTGGCCACAGGCCTGGCAGGCCCTAGAGCTACCGCTTGCGCTTGCTGCGCTC 5382
 Db 1353 YYY 1412
 Cp 5381 CAGACAGTCCAGTATCTGTGTCAGTTGAGACATGGAGGCCCGTCTCCGGTG 5322
 Db 1413 YYY 1451
 Cp 5321 CTGGGGTTCCCCCTCTTATAGTCAGTAAGTCATCTAT 5283

RESULT 4 ID US-08-388-672A-22 STANDARD; DNA; UNC; 965 BP.
 AC XXXXX
 DT Sequence 22, Application US/08388672A
 CC Sequence 22, Application US/08388672A
 CC Patent No. 5795961
 CC GENERAL INFORMATION:
 CC APPLICANT: Wallace, T. Paul
 CC APPLICANT: Harris, William J.
 CC APPLICANT: Carr, Frank J.
 CC APPLICANT: Old, Lloyd J.
 CC APPLICANT: Welt, Sydney
 CC APPLICANT: Kittamura, Kunio
 TITLE OF INVENTION: Recombinant Human Anti-Lewis B
 TITLE OF INVENTION: Antibodies
 NUMBER OF SEQUENCES: 25
 CORRESPONDENCE ADDRESS:
 CC ADDRESSEE: Felipe and Lynch
 STREET: 805 Third Avenue
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10022

COMPUTER READABLE FORM:
 CC COMPUTER READABLE FORM:
 CC MEDIUM TYPE: Floppy disk
 CC COMPUTER: IBM PC compatible
 CC OPERATING SYSTEM: PC-DOS/MS-DOS
 CC SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 CC APPLICATION NUMBER: US/08/238,163
 CC FILING DATE: 03-MAY-1994
 CC CLASSIFICATION: 800
 ATTORNEY/AGENT INFORMATION:
 CC NAME: Bastian, Kevin L.
 CC REGISTRATION NUMBER: 34,774
 CC REFERENCE/DOCKET NUMBER: 2307E-540
 TELECOMMUNICATION INFORMATION:
 CC TELEPHONE: (415) 543-9600
 CC TELEFAX: (415) 543-5043
 CC INFORMATION FOR SEQ ID NO: 5:
 CC SEQUENCE CHARACTERISTICS:
 CC LENGTH: 215 base Pairs
 CC TYPE: nucleic acid
 CC STRANDEDNESS: single
 CC TOPOLOGY: unknown
 CC MOLECULE TYPE: protein
 CC FEATURE:
 CC NAME/KEY: misc_feature
 CC LOCATION: 1..215
 CC OTHER INFORMATION: /standard_name= "Deduced amino acid
 CC OTHER INFORMATION: sequence of PGIP from bean."
 CC SEQUENCE 215 BP; 15 A; 8 C; 25 G; 26 T; 141 OTHER.

Query Match 3.2%; Score 32; DB 1; Length 215;

Best Local Similarity 15.6%; Pred. No. 3 44e-07; Matches 23; Conservative 57; Mismatches 66; Indels 1; Gaps 1; AC xxxx
 Sequence 22, Application US/08388672A
 Sequence 22, Application US/08388672A
 Patent No. 5759561
 GENERAL INFORMATION:
 APPLICANT: Wallace, T. Paul
 APPLICANT: Harris, William J.
 APPLICANT: Carr, Frank J.
 APPLICANT: Old, Lloyd J.
 APPLICANT: Welt, Sydney
 APPLICANT: Kitamura, Kunio
 TITLE OF INVENTION: Recombinant Human Anti-Lewis B
 TITLE OF INVENTION: Antibodies
 NUMBER OF SEQUENCES: 25
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Feife and Lynch
 STREET: 805 Third Avenue
 CITY: New York
 STATE: New York
 COUNTRY: U.S.A.
 ZIP: 10022
 COMPUTER READABLE FORM:
 COMPUTER TYPE: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/388,672A
 FILING DATE: 14-FEB-1995
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Hanson, No. 5759561man D.
 REGISTRATION NUMBER: 30,946
 REFERENCE/DOCKET NUMBER: LUD 5409
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 688-9200
 TELEFAX: 212-838-3884
 INFORMATION FOR SEQ ID NO: 22:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 965 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: 1..215
 OTHER INFORMATION: /standard name= "Deduced amino acid
 OTHER INFORMATION: sequence of pgip from bean."
 SEQUENCE 215 BP; 15 A; 8 C; 25 G; 26 T; 141 OTHER.
 Query Match 3.1%; Score 31; DB 1; Length 215;
 Best Local Similarity 13.9%; Pred. No. 1.53e-06;
 Matches 25; Conservative 69; Mismatches 85; Indels 1; Gaps 1;
 CC SEQUENCE 965 BP; 192 A; 170 C; 226 G; 200 T; 177 OTHER.
 MOLECULE TYPE: DNA; (genomic)
 SQ

Query Match 3.2%; Score 32; DB 3; Length 965;
 Best Local Similarity 15.0%; Pred. No. 3 44e-07;
 Matches 17; Conservative 55; Mismatches 40; Indels 1; Gaps 1;

Db 51 RVNNDSGHMKYSSANYGGNNVGAUTHVNTWVSGADSKTWTDSYNSGTTSSNGCT 110
 Cp 4739 ACAGCACGCCAGGACGAGAATGACTTGACTTTCAGTGGAGA 4680
 Db 111 DGNNSGADSYSSKPTAMTSRNRGKTANNAVDRNGMAGSVGDKNTRKHAKSADGKV 169
 Cp 4679 GAATATCTGTGACTCTGGAGGACTTACAGATGGACAGACAGCTAGGGAGAAA 4620
 Db 170 GSKNNGDRNRYGKTSNSNNGGG 196
 Cp 4619 GGGAGAAATGGTTCTCACCAAAAGGG 4593
 RESULT 6
 ID AC xxxx
 DT Sequence 5, Application US/08238163
 CC Sequence 5, Application US/08238163
 CC Patent No. 5669830
 GENERAL INFORMATION:
 APPLICANT: BENNETT, Alan
 APPLICANT: LABAVITCH, John M.
 APPLICANT: POWELL, Ann
 APPLICANT: STOZN, Henrik
 TITLE OF INVENTION: PLANT INHIBITORS OF FUNGAL DISEASE
 NUMBER OF SEQUENCES: 24
 CORRESPONDENCE ADDRESS:
 ADDRESS: Townsend and Townsend Khourie and Crew
 CITY: San Francisco
 STATE: California
 COUNTRY: US
 IP: 94105-1493
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/238,163
 FILING DATE: 03-MAY-1994
 CLASSIFICATION: 800
 ATTORNEY/AGENT INFORMATION:
 NAME: Bastian, Kevin L.
 REGISTRATION NUMBER: 34,774
 REFERENCE/DOCKET NUMBER: 2307E-540
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 543-9600
 TELEFAX: (415) 543-5043
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 215 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: 1..215
 OTHER INFORMATION: /standard name= "Deduced amino acid
 OTHER INFORMATION: sequence of pgip from bean."
 SEQUENCE 215 BP; 15 A; 8 C; 25 G; 26 T; 141 OTHER.
 Query Match 3.1%; Score 31; DB 1; Length 215;
 Best Local Similarity 13.9%; Pred. No. 1.53e-06;
 Matches 25; Conservative 69; Mismatches 85; Indels 1; Gaps 1;
 CC SEQUENCE 965 BP; 192 A; 170 C; 226 G; 200 T; 177 OTHER.
 MOLECULE TYPE: DNA; (genomic)
 SQ

Db 878 SSHUVKDMTSSSSASVGRVTRCRSSTTHNGNTYWWKGKAKYRVNSRSGVS 930
 QY 5144 GGIGAGI-TGAGGCTGTCTTGGGGTCTGCATGGGTCTAGCCACTCC 5195
 RESULT 7
 ID US-08-238-163-5 STANDARD; DNA; UNC; 215 BP.
 AC xxxx
 DT Sequence 5, Application US/08238163
 CC Sequence 5, Application US/08238163
 CC Patent No. 5669830
 GENERAL INFORMATION:
 APPLICANT: BENNETT, Alan
 APPLICANT: LABAVITCH, John M.
 APPLICANT: POWELL, Ann
 APPLICANT: STOZN, Henrik
 TITLE OF INVENTION: PLANT INHIBITORS OF FUNGAL DISEASE
 NUMBER OF SEQUENCES: 24
 CORRESPONDENCE ADDRESS:
 ADDRESS: Townsend and Townsend Khourie and Crew
 CITY: San Francisco
 STATE: California
 COUNTRY: US
 IP: 94105-1493
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/238,163
 FILING DATE: 03-MAY-1994
 CLASSIFICATION: 800
 ATTORNEY/AGENT INFORMATION:
 NAME: Bastian, Kevin L.
 REGISTRATION NUMBER: 34,774
 REFERENCE/DOCKET NUMBER: 2307E-540
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 543-9600
 TELEFAX: (415) 543-5043
 INFORMATION FOR SEQ ID NO: 5:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 215 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 FEATURE:
 NAME/KEY: misc_feature
 LOCATION: 1..215
 OTHER INFORMATION: /standard name= "Deduced amino acid
 OTHER INFORMATION: sequence of pgip from bean."
 SEQUENCE 215 BP; 15 A; 8 C; 25 G; 26 T; 141 OTHER.
 Query Match 3.1%; Score 31; DB 1; Length 215;
 Best Local Similarity 13.9%; Pred. No. 1.53e-06;
 Matches 25; Conservative 69; Mismatches 85; Indels 1; Gaps 1;
 CC SEQUENCE 965 BP; 192 A; 170 C; 226 G; 200 T; 177 OTHER.
 MOLECULE TYPE: DNA; (genomic)
 SQ

Db 31 SWTIDCCNRTWGVQDIDTYRVNNDGHNKYSANYGGNNVGAUTHVNTWVSGAD 90
 QY 5071 GAGTCCCCTGCGCTCTGACTCCGGTGGAGTGTGGACCTGGACCTCAGCAGAGGCA 5130
 Db 91 SKTVDSYNSGTSNSNGTDRGSRGASYSGSKTMISRNRTGKTNNAVSRNKGADAS 150
 QY 5131 GGTCCTCCCTAGGTGACTGTGGGGTCTGCATGGGTCTAGCCACTCC 5189
 Db 151 VGSKNTKHKHAKNSDGKVSKNGDRNRYGKTSNSNNGGGNKRDXVSYANNKC 210
 QY 5190 CACTCCCTGCGCTCTGAGTGTGGACCTGGACCTCAGCAGAGGCAACCCGCTGTCACCTGCC 5249

REGISTRATION NUMBER: 18,872
 REFERENCE/DOCKET NUMBER: 1101-196-228
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 790-9090
 TELEX: 65141 PENNIE
 INFORMATION FOR SEQ ID NO: 97:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 82 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 SQ SEQUENCE 82 BP; 1 A; 2 C; 10 G; 8 T; 61 OTHER.
 Query Match 2.6%; Score 26; DB 4; Length 82;
 Best Local Similarity 12.7%; Pred. No. 2.05e-03;
 Matches 9; Conservative 19; Mismatches 43; Indels 0; Gaps 0;
 Sequence 99, Application PC/TUS9511934
 GENERAL INFORMATION:
 APPLICANT: CytoGen Corporation
 TITLE OF INVENTION: Antigen Binding Peptides (Abtides) From
 NUMBER OF SEQUENCES: 103
 NUMBER OF SEQUENCES: 103
 TITLE OF INVENTION: Peptide Libraries
 NUMBER OF SEQUENCES: 103
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Penne & Edmonds
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: USA
 ZIP: 10036
 COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US95/11934
 FILING DATE: 20-SEP-1995
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Misrock, S. Leslie
 REGISTRATION NUMBER: 18,872
 REFERENCE/DOCKET NUMBER: 1101-196-228
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 790-9090
 TELEX: 65141 PENNIE
 INFORMATION FOR SEQ ID NO: 99:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 75 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 SQ SEQUENCE 75 BP; 1 A; 1 C; 7 G; 5 T; 61 OTHER.
 Query Match 2.5%; Score 25; DB 4; Length 75;
 Best Local Similarity 11.4%; Pred. No. 8.13e-03;
 Matches 8; Conservative 19; Mismatches 43; Indels 0; Gaps 0;
 Sequence 99, Application PC/TUS9511934
 GENERAL INFORMATION:
 APPLICANT: CytoGen Corporation
 TITLE OF INVENTION: Antigen Binding Peptides (Abtides) From
 NUMBER OF SEQUENCES: 103
 NUMBER OF SEQUENCES: 103
 TITLE OF INVENTION: Peptide Libraries
 NUMBER OF SEQUENCES: 103
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Penne & Edmonds
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: New York
 COUNTRY: USA
 ZIP: 10036
 COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US95/11934
 FILING DATE: 20-SEP-1995
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Misrock, S. Leslie
 REGISTRATION NUMBER: 18,872
 REFERENCE/DOCKET NUMBER: 1101-196-228
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 790-9090
 TELEX: 65141 PENNIE
 INFORMATION FOR SEQ ID NO: 99:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 74 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)
 SQ SEQUENCE 74 BP; 6 A; 6 C; 1 G; 1 T; 60 OTHER.
 RESULT 13
 ID PCT-US95-11934-98 STANDARD; DNA; UNC; 81 BP.
 AC XXXXXX
 DT

